

## Empowerment Through Technology

*Steven Parker*

# We need to live in both worlds...

“...the classroom and the Web. The brave new world of net delivered and assisted training is exciting and real. [However], we strongly believe that it is not a replacement for classroom instruction but a critical extension of learning services.”

-- Elliott Masie, President of The MASIE Center, an international think tank focusing on learning and technology

- **PAST** IT, WEB Developers and Instructional Designers were responsible for creating and managing online delivery resources
- **PRESENT** teachers with Basic to Intermediate skills are able to gain empowerment through the use of tools ie: ***teacherSmart*** to design and develop their own resources
- **FUTURE** Moving into era where teachers are leading the way with teaching innovation to engage and utilise latest technologies through networks and collaboration

# *Empowerment Process*

Engagement

Collaboration

teacherSmart Workshops

Basic to  
Intermediate  
Skilled Teachers



Innovative to Advanced  
Skilled Teachers

Networks

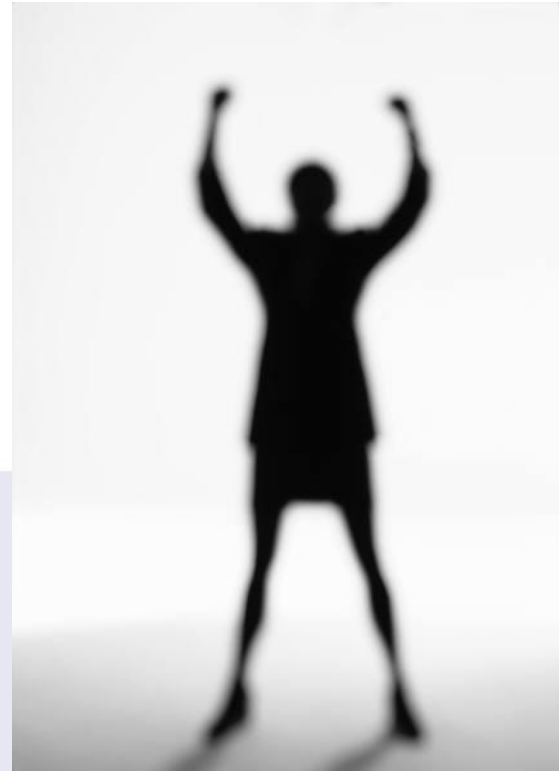
Peer to Peer

Professional Development

## ***CURRENT CHALLENGES***

The challenges we face as Teachers can be daunting:

- ***Fast pace of change in technology***
- ***Knowledge and Understanding***
- ***Time***
- ***Access***



# TECHNOLOGY AND CHANGE

- *Chalk and Blackboard*
- *Whiteboard*
- *Overhead Projector*
- *Folders and Note Books*
- *Text Books*
- *Photocopier*
- *Powerpoint*

**Latest Technologies:**  
**Wikis, Blogs,**  
**Podcasting**

***The evolution in teaching and learning practices, has significantly impacting our working and learning life.***

# Teacher Skill Levels:

- **Basic** – Not familiar using a computer.
- **Intermediate** – Familiar with Word, Outlook Emailing and the Internet.
- **Advanced** – Comfortable with utilizing technology, for work and creative use.
- **Innovative ‘Mavericks’** – A creative minority experimenting and utilizing new technologies at advanced level.

## TEACHER PROFESSIONAL DEVELOPMENT

*TLRU engages the basic to intermediate skilled teacher and facilitates teacher Professional Development through:*



- ***Workplace training***
- ***TLRU workshops***
- ***Online courses***



# TLRU Workplace Training

## Embracing New Technologies - VIDEO



**TLRU trainers consult and facilitate the teacher on user friendly, accessible and innovative technologies for instructional design and application.** \*\*

# TLRU MORNING WORKSHOPS

## Basic - Intermediate

- Word
- Outlook- Email
- Digital camera
- Hot potatoes
- Powerpoint



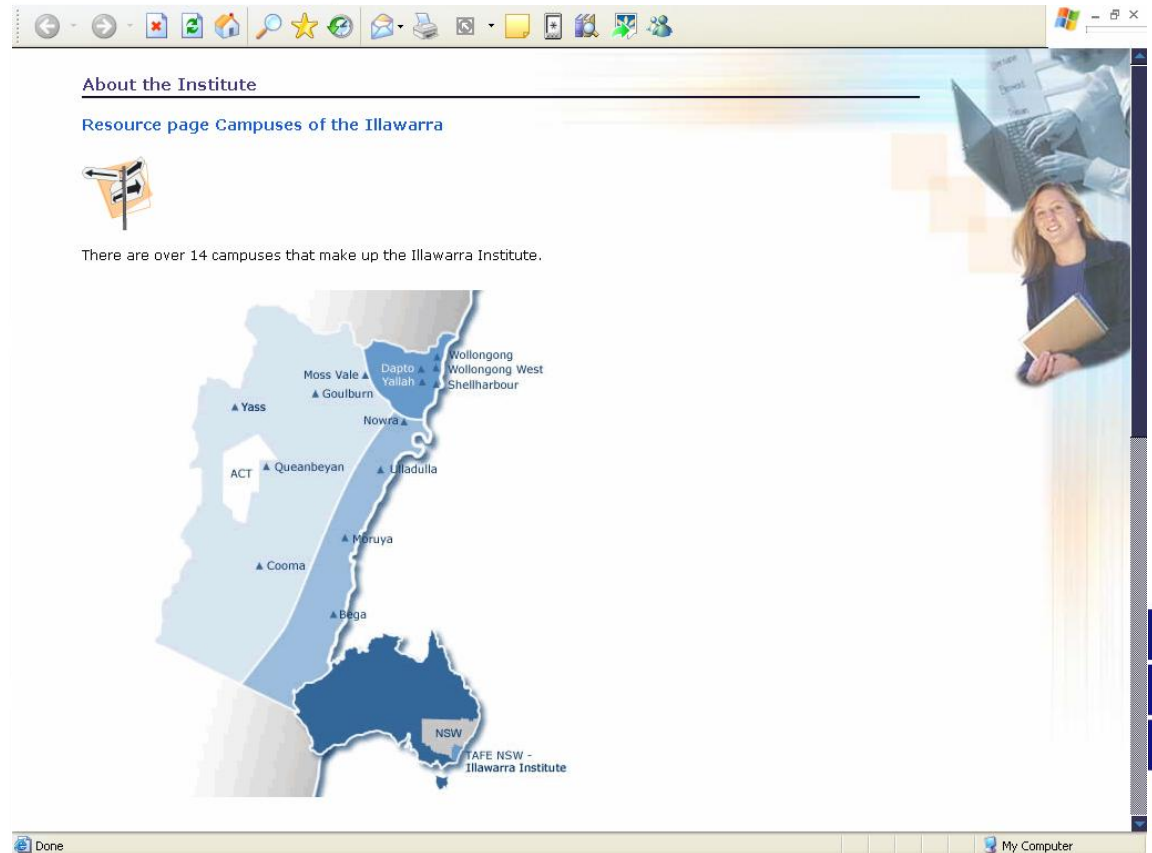
Teachers are invited to attend.

Morning workshops on a variety of key technologies.

# TLRU ONLINE COURSES

## e.g. 'Induction'

*\*\*Teachers can empower themselves with critical Institute information by working online at their own pace*



# TEACHERS MANAGING TECHNOLOGY

## Making The Leap

*“Train a teacher to manage technology and they will be empowered”*

### **We need to empower teachers to:**

- Embrace new technology with ease
- Cope with future changes in technology
- Develop and deliver flexibly with new and exciting resources



- ***TeacherSmart Training*** is a 1-2 day Professional Development programme for teachers of all skills levels to learn new technologies for teaching practices.
- ***TeacherSmart Desktop*** is tool that simplifies the preparation of print, online and CD lessons.

***TeacherSmart*** enables the teacher to easily develop and deliver quality instructional programs to promote learning and the engagement of students.



# SKILL BUILDING

*We provide resources and technical support guiding teachers through a step-by-step process that challenges with hands on tasks:*

- Working as a team
- Sourcing existing resource
- Self directing
- Managing workflow



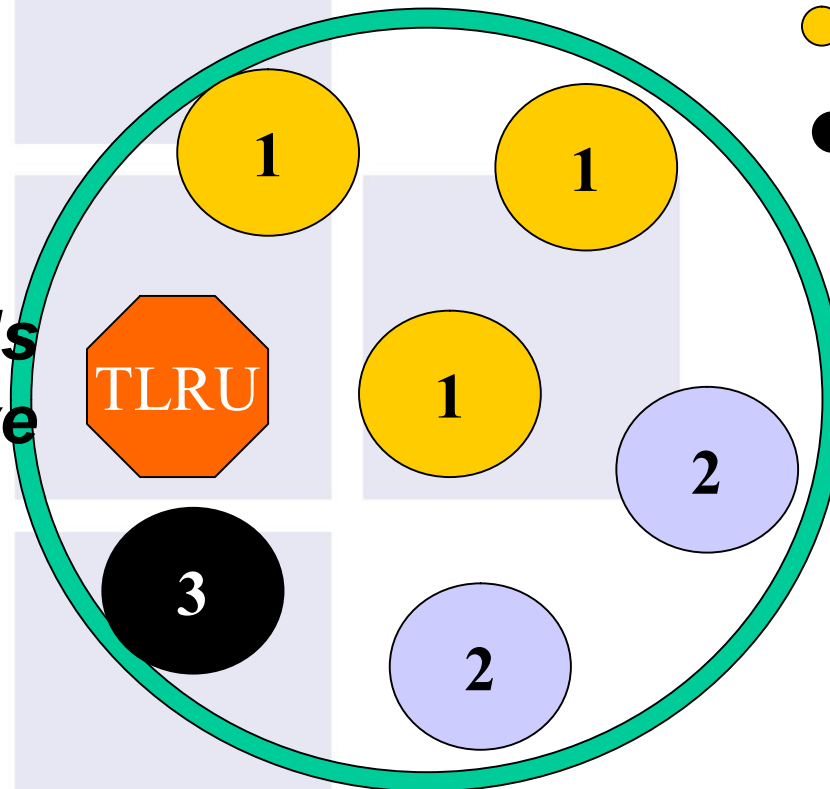
# Empowerment Through Collaborative Group Based Learning

- ***Determine skill levels***
- ***Brainstorm activity ideas as a group***
- ***Discuss use of technologies***
- ***Allocate individuals activities to achieve aims.***

**Group Task**  
eg. ***Create resource***

TEACHERS

- BEGINNER
- INTERMEDIATE
- ADVANCED

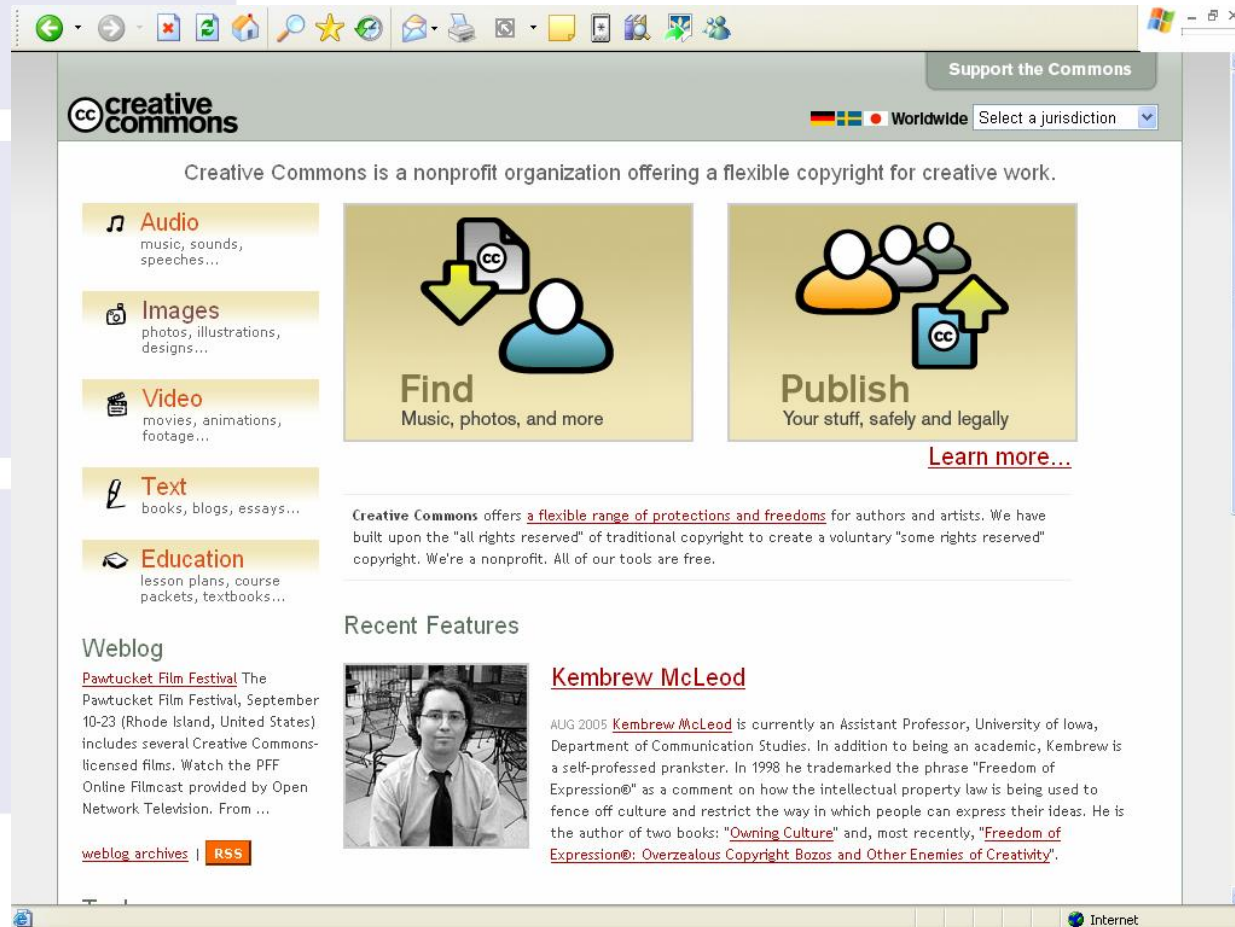


# To begin Set Boundaries on Technology





# Source existing resources, why reinvent?



# www.wikipedia.org - Free online Encyclopedia

article discussion edit this page history

## New Orleans, Louisiana

From Wikipedia, the free encyclopedia.  
(Redirected from [New orleans](#))

**The factual accuracy of part of this article is [disputed](#).**

The dispute is about the degree to which facts should be updated after [Hurricane Katrina](#). Please see the relevant discussion on the [talk page](#).

**This article documents a current event.** Information may change rapidly. Please use [section editing](#) and [refresh](#) to see latest changes.

*For information on the events of [Hurricane Katrina](#), see [Effect of Hurricane Katrina on New Orleans](#).*

**New Orleans** (local pronunciations: /nʊˈɔːlᵻnz/, /nʊˈɔːlᵻnz/, or /nʊˈɔːlᵻnz/) (**French:** *La Nouvelle-Orléans*, pronounced [la nuvɛl ɔʁlɛɑ̃] in standard French accent) is the largest city in the [U.S. state of Louisiana](#). It is located in southeastern Louisiana along the [Mississippi River](#), just south of [Lake Pontchartrain](#), and is coextensive with [Orleans Parish](#). The city was devastated by [Hurricane Katrina](#) in [August 2005](#), and the subsequent flooding. As efforts continue to rescue survivors, drain floodwaters, clean up debris, and restore infrastructure, the city remains off limits to most of its residents.

New Orleans is a [Southern](#) city known for its [multicultural](#) heritage (especially [French](#), [Spanish](#) and [African American](#) influences) and its [music](#) and [cuisine](#). It is a world-famous [tourist](#) destination thanks to its many [festivals](#) and celebrations; the most notable annual events are [Mardi Gras](#), [Jazz Fest](#), [Southern Decadence](#), and college football's [Sugar Bowl](#). The most recent [U.S. census](#) put New Orleans's population at 484,674 and the population of [Greater New Orleans](#) at 1,337,726.

New Orleans was founded in [1718](#) and has played an important role in the [history of the United States](#). The city was named in honor of [Philip II, duke of Orléans](#), who was regent and ruler of France when New Orleans was founded.

It is a major [port](#) city due to its location near the [Gulf of Mexico](#) and along the Mississippi River, making it a hub for goods which travel to and from [Latin America](#). The [petroleum](#) industry is also of great importance to the New Orleans economy; many [oil rigs](#) are located in the Gulf. The [Port of South Louisiana](#) (which includes the [port of New Orleans](#)) is based in the New Orleans metropolitan area and is the fourth

### New Orleans, Louisiana

City flag

City seal

City [nicknames](#): "The Crescent City", "The Big Easy", "The City That Care Forgot"

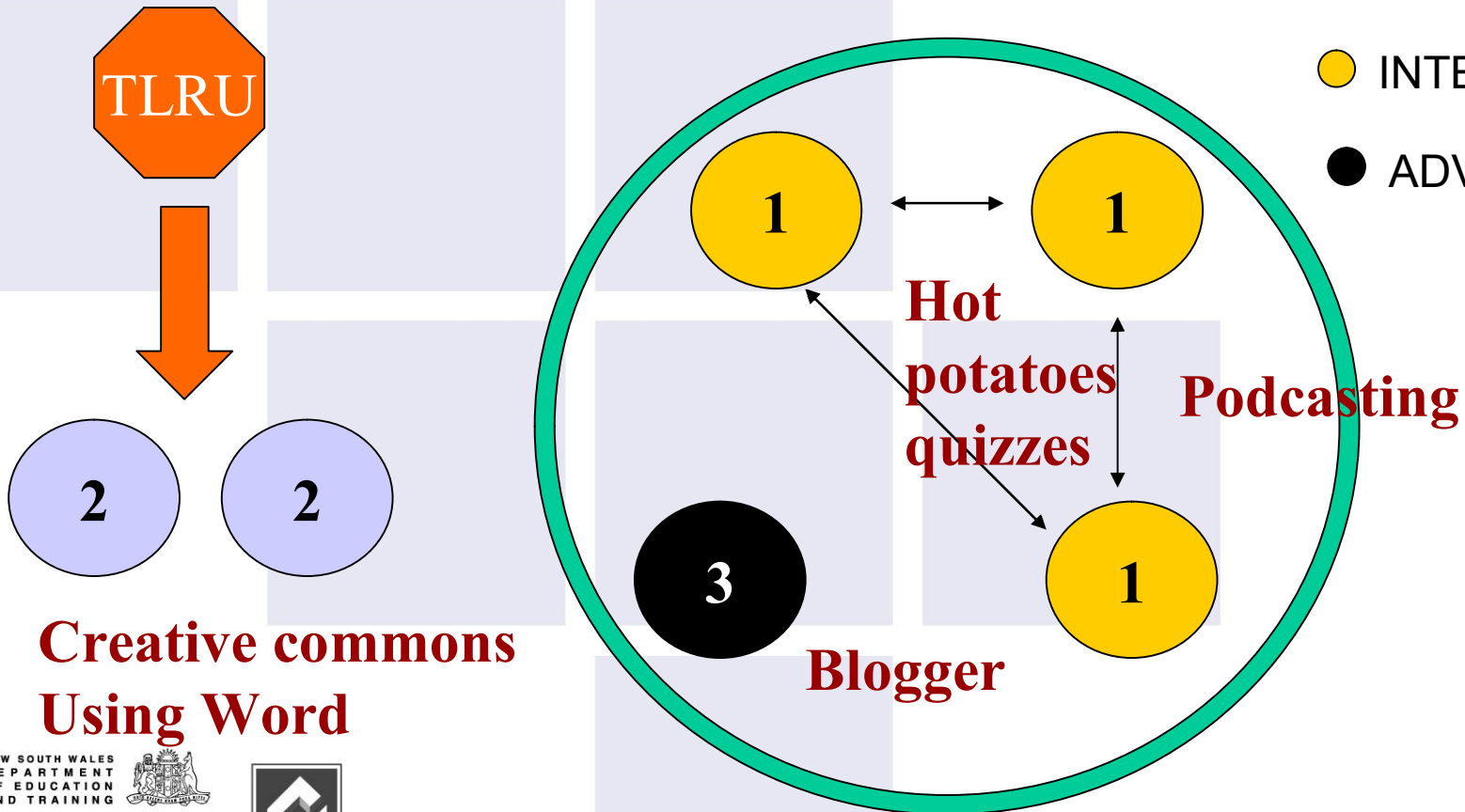
# Develop activities – Then Show and Tell

TEACHERS

● BEGINNER

● INTERMEDIATE

● ADVANCED



# TeacherSmart - A tool to simplify

The screenshot shows the 'teacherSmart DESKTOP' web application. At the top, there's a navigation bar with links: 'teacherSmart v3.1', 'Start new project', 'How to...', 'Glossary', 'Acknowledgements', and 'Conditions of use'. The main content area is titled 'teacherSmart v3.1 for content writers' and features a cartoon character wearing a graduation cap. The text welcomes users to the TLRU teacherSmart desktop for content writers, stating its purpose is to help teachers develop and deliver quality, reusable materials without becoming IT experts. It also includes a section 'What is teacherSmart desktop?' explaining it as a resource development tool for teachers using Microsoft Word templates. Below this, it mentions 'What is smartConvert v1.0' and shows a 'SmartConvert' logo. On the right side, there's contact information for the Teaching & Learning Resource Unit (TLRU) at Foleys Road Wollongong, NSW 2500, including a phone number, fax, email, and website. A sidebar on the right contains buttons for 'Instructions', 'New resource', 'New unit introduction & assessment information', and 'New course'.

**teacherSmart DESKTOP** RESOURCE DEVELOPMENT TOOL

PRINT - ONLINE - CD ROM

teacherSmart v3.1 Start new project How to... Glossary Acknowledgements Conditions of use

**teacherSmart v3.1 for content writers**

Welcome to the TLRU teacherSmart desktop for content writers.

*We help teachers who need new resources, develop and deliver quality, reusable materials without becoming an IT expert ... resources that save you time and make you money.*

**What is teacherSmart desktop?**

It is a resource development tool for teachers; a step by step process and series of Microsoft word templates that empowers teacher to be able use their content expertise to develop resources for print online and cd.

**What is smartConvert v1.0**

**SmartConvert**

**TLRU**

Teaching & Learning Resource Unit

Foleys Road Wollongong  
NSW 2500  
PO Box 1223  
Ph: (02) 4229 0575  
Fax: (02) 4229 0172  
tlruillawarra@det.nsw.edu.au

Website:  
[www.teachersmart.edu.au](http://www.teachersmart.edu.au)

Create learning objects (LO's)

Instructions

New resource

New unit introduction & assessment information

New course



# Teachers are empowered and often walk away with:

- *The Awareness, confidence in their own abilities, and the skills and knowledge to source utilize and develop eLearning resources.*
- *The impetus to become active participants of an online network of teachers to exchange ideas and information (peer to peer).*

# There is an explosion in Networking Technologies – Ride The Wave

**‘Collaborate with your peers** on lesson planning and materials development, as well as enrich your own professional and personal growth. As you build your collection of lessons, materials and resources for your own classes, you can share them with other teachers, and **everyone can get more work done with less effort.**’

*[www.HotChalk.org](http://www.HotChalk.org)*

## NETWORKING TECHNOLOGIES

Web-based applications that enable links to be made between teachers and content for networking, research, teaching and learning.

### Examples

- Blogs & online journals – [Blogger](#)
- Wikis - [Wikispaces](#)
- Photo publish & sharing - [Flickr](#)
- Media hosting & publishing - [OurMedia](#),
- Web-based web feed readers - [Bloglines](#)
- Social networking sites - [Yahoo 360](#), [MySpace](#)

More info:

[\*\*www.networklearning.blogspot.com\*\*](http://www.networklearning.blogspot.com)

# www.skype.com – Free!

- Free phonecalls!
- Share files
- Conference
- Chat





## www.janison.com.au – Learning Management System Video conferencing

**janison**  
LMS Development of resources

- ❖ Creating and maintaining a learning structure or sequence
- ❖ Load and replace resource files in the structure
- ❖ Edit or support the editing of resources
- ❖ Integrate with content management tools
- ❖ Allow the import of external resources
- ❖ Support the export of the learning structure

www.janison.com.au 2005

**Video Conferencing Panel:**

- Record
- Play
- Restart
- Slides: Key features of Janison Toolbox LMS Development of resources Example: Editing a Resource LMS Delivery / Teaching Example Interactive Components
- Chat: Wayne Houlden: hello
- Who's Online? Wayne Houlden, Craig Aldridge
- Presentation Mode: ☐ Replay ☒ Live ☐ Configure

# The Benefits of Networking

- **Sharing Capabilities** ideas and project work
- **Sharing resources**, workspaces, internet connection
- **Sharing knowledge** and information,
- **Promotes team environments** and fosters commitment to work toward same goals for the benefit of all

# Embrace The Maverick Ethic!

- *If the innovation is useful it will flourish, otherwise it will not be adopted*
- Despite the pace of change, we must examine and test each new technology.
- *We must develop and disseminate technologies that significantly increase quality of learning and 'ROI' of teacher time.*

- **SOLUTION** Organisations like the TLRU engage teachers with teacherSmart Professional Development to engage, develop and **empower teachers with network learning skills** to move with the times.

# Conclusion

*“Show one technology to a teacher; you have satisfied them for today. Guide the teacher to manage technology and to network with peers; then they will be empowered for the future.”*